

Please take a moment to fill out as much detail as possible in the form below. Forward it to your local PoolPak Sales Representative or directly to PoolPak. Email: sales@poolpak.com or call 717.757.2648. Please refer to most recent issue of the ASHRAE Applications Handbook for the latest guidelines on load calculations. If your facility has water slides or water features, do not use this form.\*

**PROJECT INFORMATION**

Project Name: \_\_\_\_\_ Indoor Air Design Conditions \_\_\_\_\_  
 Project Location: \_\_\_\_\_ Room Design Temp: \_\_\_\_\_  
 Local PoolPak Rep: \_\_\_\_\_ # of Spectators: \_\_\_\_\_  
 Summer Design db/wb: \_\_\_\_\_ Winter Design: \_\_\_\_\_

**Load Calculation Details:**

**POOL DESIGN DATA**

|                                  | Pool #1 | Pool #2 | Pool #3 | Pool #4 | Pool #5 |
|----------------------------------|---------|---------|---------|---------|---------|
| Type of pool (Lap, Spa...):      |         |         |         |         |         |
| Surface Area (ft <sup>2</sup> ): |         |         |         |         |         |
| Water Temperature (°F):          |         |         |         |         |         |

**VENTILATION DESIGN DATA**

Wet Deck Area (ft<sup>2</sup>): \_\_\_\_\_ Desired Supply Air (CFM): \_\_\_\_\_  
 Room Volume (ft<sup>3</sup>): \_\_\_\_\_ Outdoor Air (CFM): \_\_\_\_\_

**Selection Details:**

**SYSTEM DESIGN DATA**

| AIR CONDITIONING DATA   | HEATING DATA              |
|---|---------------------------|
| Sensible Cooling Load (MBHS): _____   | Heating Load: _____       |
| Heat Rejection: <input type="checkbox"/> Air cooled <input type="checkbox"/> Fluid Cooled | Hot Water(EWT/LWT): _____ |
| Distance to Air Cooled Unit (ft): _____   | Electric (kW): _____      |
| Cooling Fluid Loop (EFT/LFT): _____   | Gas / Steam (psig): _____ |

**DEHUMIDIFIER CONFIGURATION (CHECK DESIRED OPTION):**

Indoor  Outdoor  Economizer/Purge Mode  
 Horizontal  Vertical  Pool Water Heating  
 Unit Mounted Exhaust Fan  Air to Air Heat Recovery  
 Voltage:  208-1  230-1  208-3  230-3  460-3  575-3  Other

**Other Notes or Relevant Job Details:**

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\* PoolPak does not guarantee the accuracy of any of the load calculations.